(Ex-San Diego DXer's Club International)

A non-profit venture

INTERNATIONAL

DXER'S CLUB OF SAN DIEGO

$1 SAMPLE

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11-15-83

1826 Cypress St.

San Diego, CA.

92154-1154

U.S.A.

INT'L DXERS CLUB OF SAN DIEGO

Bulletin #65 November 1983

EXPERIMENT IN LEGILBBILITY Several members complain of poor legibility of the bulletin pages. I enjoy failing eyesight and appreciate the problem. Another member complains of loose-leaf holes breaking into the text. His English is inadeqaute to read around these holes. In an attempt to correct both these shortcomings I will print this bulletin in a new style as an experiment. This 1st page will use four different types. Please pick your choice. In this new format we lose 10 letters each line and each page we lose 12 lines. Can't add pages as postage goes up and so will membership. We also have a problem of photo copies of lists & catalog sheets being too reduced to fit the new page. May have to reproduce to read lengthwise of the page instead of crosswise. It is foolish to prepare a bulletin some cannot read Type 801

AUSTRALIAN WINS THE FUR-LINED THUNDER MUG In DXers Calling of DX Australia member Danny Vits advertises an R4C Drake with only a few hours use (in all these years ??) says it features pass-band tuning like the R-7. not the cheap imitation of the IC-R70. Now there is a man after my own heart. well informed and fearless. (Type #809)

NEW G.E. PROGRAMMABLE RECEIVER A member almost caused an "ataque" (Spanish for heart attack) when he requested details on a new "programmable" G.E. receiver. I had visions of another computer tuner. I attacked the telephone to confront Mr. G.E. with a plea for details. My pulse returned to normal & with tears in my eyes I report it's the Model 72882 AM/FM push-a-da-butt portable with 16 memories & key-pad entry for $134.95 (Type #823)

SONY ICR-4800 & ICF-7600-A Neither will remain vertical. falling over and spilling the martini. Member Haggarity sent me a solution for his 4800 utilizing straps & the case but I can't read his instructions or undertand the diagrams. (Sorry) However. my own problem with the 7600 was solved with two gobs of green plasticine. the gook sold by stationers to stick pictures on the wall. It's a putty-like material handy for many jobs. (Type #808)

PLEASE NOTE: The mailing of this bulletin was delayed because of the death of Mabel Brookwell, beloved wife of your editor. It followed a long bout with cancer & we are all grateful she passed away without suffering

WELCOME ABOARD

Welcome to the Int'l DXers Club of San Diego, an international group of dedicated SWLers and DXers involved in one of the world's most interesting and instructive hobbies. Many members collect QSLs but all thrill to the miracle of reception from distant lands. We have specialists in SW/MW/LW DXing, RTTY, FAX, SSTV, VHF/UHF Utes and even distant TV and FM, all sharing in the modern miracle largely ignored by the layman. The SWL hobby is fascinating as it advances in giant strides, new techniques and innovative and more versatile equipment are daily surprises. Although SW bands are becoming crowded, modern technology seems able to cope.

The hobbyist wishing to advance with the art is interested in new tools and techniques which can broaden his horizon. Our club was formed for that very purpose, to supply information not found in other Hobby publications. Reception logs and QSL reports left to the Clubs which feature them.

As a new member you are invited, actually urged, to participate in the activities of the Club. Kindly report your experiences with new & modified equipment, good or bad dealer performance, good, bad or overcharged technical service, discounts encountered, antenna problems, and/or need for help. Send us questions, suggestion, hints, modifications, gripes, or kudos. If you encounter a statement or opinion which you can enlarge upon or are not in agreement with, speak up. Our 619-429-9728 phone is at your service.

Int'l DXers Club of San Diego,1826 Cypress St.San Diego, CA 92154 U.S.A.

NOTE:

CLUB PUBLICATIONS

In addition to the Club's informative monthly bulletins there is available a "Shortwave Hobby Equipment Review 1981" with equipment descriptions. evaluations. modifications and user reports dating back to the Club's first report in June 1978. Has a revealing comparative chart of 37 contemporary receivers including NRD-515, Drake R-7, FRG-7700, CRF-1 & RF-9000. In January of 1982 we published three Supplements. "A" Receivers only. "B" Access. & Antennae & "C" Random Ramblings (general) During the first days of 1983 we printed the 1983 Supplement of 194 pages which covered 1982 happenings. This was printed on 5½ x 8½"loose-leaf form, as are all reprints of above items. The 1983 Supplement is up-dated quarterly, as a subscription or sold individually. The Club has suceeded in making available up-to-the-minute product information & knowlegeable glimpses into the future. Understandable non-technical language

GLOBAL PRICES	A	B	C	D	E
1 SW Hobby Equipment Review 1981	6.00	6.50	7.00	8.00	9.00
2 1982 Supplement "A","B" or "C" (each)		2.25	2.80	3.20	3.65
3 1981 Review & 3 '82 Supplements	12.50	13.20	14.10	16.95	19.55
4 1983 Supplement	7.00	7.50	8.00	9.00	10.00
5 1983 quarterly Supplement Up-dater	3.00	3.50	4.05	4.45	4.85
6 Subscription quarterly Up-daters (annual)		10.00	11.00	12.00	13.00
7 '83 Supplement + 4 Up-daters	17.00	18.00	19.00	20.00	21.00
8 "Rev",'82 &'83 Sups + 4 Up-daters	29.50	30.00	31.75	32.50	33.25
9 Leatherette Binder with Club logo	3.50	4.00	(Not shipped overseas)		
10 Club Dues & Bulletin Subscription		11.00	16.00	17.00	17.00

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U.S. Funds only. IRCs at 30¢ each. Bank draft in dollars on US bank.
A = Printed Matter USA, B = 1st class USA/Can/Mex. C = C.Amer/Carib/Ven/Col
D = S.Amer/Europe/N.Africa, E = Elsewhere. All except Bulletins 5½ x 8½"
Loose-leaf & mailed overseas 3rd Class Printed Matter Airmail Non-Profit

SOVIET OTH DISCOVEREDD IN AREA FORBIDDEN BY TREATY Our eye-in-the-sky discovered an Over the Horizon installation at Abalacova. a town not far from Moscow. The USA/USSR treaty forbids OTH except on the borders or shore. pointed away from the interior. It would be very interesting to hear the QRM from this installation. If it is different from the "woodpecker" my suspicion of that installation being a pulse generator developed by Tesla & refined by the Soviet to clobber the weather of the USA would be made more acceptable. It's very easy to believe our present extremely severe weather is caused by other than normal conditions.

KENWOOD R-2000 RIT It seems to have been the consensus of opinion that the R-2000 requires a fine tune control to enable it to properly tune RTTY. The 500 Hz steps of of the synthesizer was reputed to interfere with proper tuning for RTTY. Some firms offer RIT installation as a "must" modification. A letter from Grant Manning. Radio West refutes this claim. stating he will demonstrate in no uncertain manner that the R-2000 does not require a RIT to properly tune RTTY. He goes so far as to say the installation of a RIT modification is a "farce". I withhold my opinion. When I had a 2000 on the bench I tuned in RTTY but didn't know I wasn't supposed to be able to. When I learned of the "problem" I wasn't able to verify it as the rig had been returned to the distributor. However. as the claim made sense I went along with it.

YOUR EDITOR POPS OFF AGAIN Unfortunately, I am unable to obtain cable television. Our Mobile Home Park owners demand a larger share of the rental than the Cable outfit will pay. I am allowed some antennae on my roof but a dish is out of the question. That means I'm stuck and have to look at the local TV fare. which is awful. One soap opera which my wife puts up with, is to me, a very dangerous show. It is called "Capitol" and depicts our Governmental servants as a bunch of fornicating rascals. Sexy women influence senators. congressmen. cabinet members. The ancient Romans would have been ashamed of the bed hopping that goes on in Washington. In our neighborhood many TV viewers consider soaps as factual, not as fiction. They actually "believe" this garbage and look on their ballots for the names of the characters so as to vote for or against them. Remember the TV show. "War of the Worlds" where thousands of people went beserk.

It is frightening to learn that so many people are simple-minded & can't distinguish fact from fiction. We have a neighbor widow who would kill if her daily afternoon soaps were denied her. Depravity & adultery shown anywhere except in the gutter can be dangerous & should be banned entirely. Before I return to the business at hand I've one more squawk to make. I am crippled and it takes me a long time to get from here to there. At the sound of the telephone I painfully "dash" to the phone, only to find the ring was on the TV which my wife was listening to. Why is it not possible to have a different tone or distinguishable ring on TV programs ? I'm sure others have the same problem. My solution, other than kicking in the TV tube was to install inexpensive used phones in each room of the house. If Ma Bell was to find out I'd probably end up in jail.

GRUNDIG'S NEW SATTELLIT RECEIVERS Ted Osborn NYC member kindly sent me a catalog. Unfortunately. it's in German and my many accomplishments do not include German. However I can "read" pictures. Three models are offered. A 300. 600 and 4000. The 300 appears to be a moderninzed 1400 with memories. key pad entry. digital readout. SW search. digital time display & timer. etc. Has 3 slide switches for treble. bass and volume. (I hate 'em) Number of memories not discernible. Size 30 x 18 x 7 cm & weight 2.15 kg.

The 600 resembles the 2400 with all the latest. Has key-pad entry. SW search. digital clock & timer. Modes-USB. AM. LSB. BFO pitch. in addition to digital readout has band-marked analog slide-rule tuning scale. Treble. Bass & Volume are knobs. not slide. RF Gain. 3 selectivity choices. switches marked AUX. LW. MW. SW & FM mark coverage (Some switches on top of 300 so invisible for listing here). Size 50 x 24 x 20 cm weight 8.5 kg

The 4000 replaces the 3400. being the deluxe model with stereo speakers. concert hall volume. built-in recorder (looks like a miniature reel to reel) Has slide switches for Bass. Treble. Balance. Volume. FM mono. FM stereo. Super (?) FM. and a 3 position switch with figures which I can't identify. Size 57 x 27 x 12 cm 7 kg. There appears to be only one tuning knob (unmarked) May be RIT. Balance of markings on buttons unintelligible. All three operate on 220/230/110/127 50/60 Hz and with dry cells if required.

I telephoned the distributor in Long Beach (Cal) to obtain a catalog in English. He no longer represents Grundig & says there is no representative in the U.S.A. now.

I will send the catalog to my German translator and when it is returned I can send photocopies if desired.

Grundig also lists smaller receivers in a spec sheet- Yacht Boys 700. 460. 310 & 55. Concert Boys 220 and 200 Music Boy 160 & 60. Hit Boy 60 and Boy 30. All models are portable although the 4000 requires a derrick.

There seems to be a typo in the catalog. The 600 is listed as 8.5 kgs & the 4000 as 7 kgs. The 4000 is certainly heavier than the smaller 600.

The German translation has just arrived from Dennis Kibbe of Tempe. Arizona. our official German translator. (how the Hell anyone can translate anything in the heat of Arizona is a mystery) Anyway. we thank you Dennis. Lets see how good I was reading illustrations.

Satellit 300- 5 bands. FM. AM. LW & SW1 (3.9-10.5). SW2 (10.5-22.0). 35 memories. digital readout to 1 kHz. dual conversion PLL circuit. keyboard entry. search and variable-rate knob tuning. programmable timer automatically turns off after 1 hour. (Note: WWH rates as good combination of performance. convenience & price (about the same as the ICF-2002) but not a true DX machine)

Satellit 600. first class performance. 60 memories. dual conversion superhet.crystal filters in 1st IF ceramic in 2nd IF. Antenna trimmer. timer programmable for 3 cycles each day. BFO. Connections for ext. Ant & Gnd. Recording. in & out and external speaker. Optional rechargable batteries. Preselector motor-driven to follow tuning. 3 band-width noise limiter. a dual speaker with switchable tweeter. This is one fine radio with audio not achieved by our mfgrs nor the Japanese (the McKay-Dymek comes close.

Satellit 4000. the creme de la creme is the same as the 600 but with stereo FM. four speakers. a built-in tape recorder (auto repeat. stop. rewind. record. playback all controlled by the timer or manually) Modes are Mono. Stereo and Multiplex Stereo. Radio portion. with the exception of added stereo. appears identical to the Satellit 600. A very fine receiver as well as a superlative music machine with concert hall volume & tone.

IF YOU DRINK DON'T DRIVE There is one way to check out your condition. If you find yourself standing in your own body and can't figure out how to work it driving a car will be even more so.

COLLINS S51S-1 Member Hugh Schatz sent me a brochure of the Collins 451S-1 & 851S-1. Phoned the factory to learn the 451S-1 has never been manufactured & the few 851S-1 left go for $16.000 without options. Gee !!!!

VHF/UHF REGENCY BREAKTHROUGH It has been my belief that certain VHF/UHF frequency bands are not permitted to be made available to the public on Scanners. Hobbyists use adapters & frequency multipliers to listen to forbidden channels. Others have invested in expensive VHF/UHF rxs or bulky surplus gear.

Now we learn that Regency is bringing out a scanner with all the amenities of a top-grade receiver to cover continuously 27 MHz to 1.25 GHz. Model MX-7000 is due later this year and will sell for $599.95. Three tuning modes. FM Narrow. FM Wide & AM with scan speeds of 5.0. 12½ & 25 kHz. Receiver is the new style of slanting front and greater cabinet depth than width. Details as soon as available.(Note: Original info misleading. not continuous coverage from 26 MHz to 1.1 GHZ but in limited bands up to 1.1 GHz.) (See page)

McKAY-DYMEK DR-33C Is praised by Ron Pokatiloff in the "College of Radio Knowledge" of a Windy City area SW club. Ron states."After five years of listening to many radios. learning my electronics and reading literature on shortwave I have arrived at the conclusion that SW radio manufacturers ignore the audio quality of their products. All the modernisms and new-fangled front-end circuitry of the contemporary receiver only adds to the degradation of the audio quality.The top-of-the-heap R-7 has the worst audio of all. As stated by Larry Brookwell (SDDXC). most SW receivers are designed by the Sales Department. Gimmicks sell receivers but they also clobber the audio. Why not include a product detector in the more expensive rigs so that the end product is not just a distorted din ? Most of us would be happy to pay the extra cost.

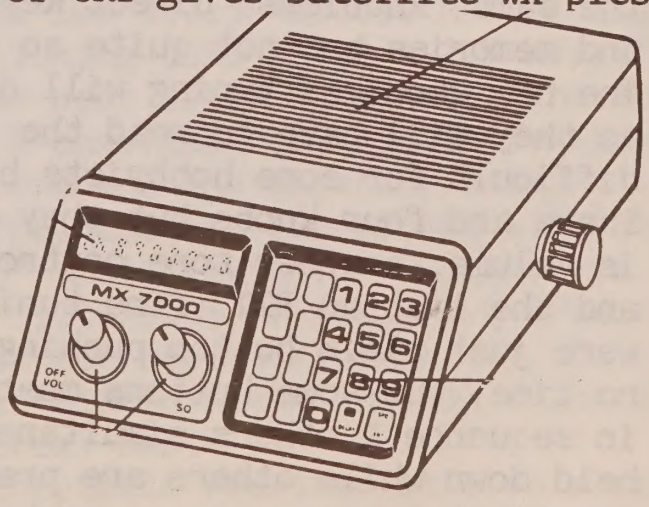
In his search for good audio Ron purchased a McKay-Dymek DR-33C which has a product detector as well as well as being an excellent receiver. Has no gimmicks.

just the essentials and delivers HiFi audio. having a rating of 1% THD as compared to the usual 10% THD. As one can use the wide selectivity setting with the detector you obtain truly fine aidio as well as reduced fading. Ron praises the NERD for "no fade" but is unhappy with the audio. (Note: Your editor improved his NERD's audio with an 8 kHz filter. Most of the better rigs can be improved in like manner. Drake now uses a 12 kHz filter in the wide audio of the new R-7A)

I wish to apologize to Ron for rewording his artiJle for the sake of brevity. The meaning is the same.

BARLOW-WADLEY XCR-30 (now defunct) also praised by Ron in his article. He rates it the best portable stating its good ECSS tuning. with the narrow SSB filter makes it a superior receiver. You have been advised in these pages the XCR-30 can be modified to become a very fine receiver. A technically enlightened DXer searched the market for the best available traveling companion. His choice was the XCR-30 with a few modifications. Send a SASE#10 and a dollar for a photocopy or John Kolb. our own modifier will do a professional job for $100 parts and labor and UPS return.

REGENCY MX-7000 since writing the introductioon of the new Regency (Delivery estimated available March '84) I hav received a factory flier which differs somewhat from my first info. Tuning limits 25 MHz to 1.2 GHz in 13 bands. 26/27.30/50.50/88.88/108.108/136.144/148.148 /174.440/450.450/470.470/512.806/881.1 GHz & 1.1 GHz.. (Gaps at 27/30.136/134.174/440.512/806 & 881/1GHz) The 7000 exceeds other scanners in coverage of CB. both TV audio. FM broadcast. all aircraft bands (incl. civil & military & cellular telephone. 1 GHz Ham Band & 1.1 wx. Connected to a printer or CRT gives satellite wx pics. Search steps 5/12.5/25 Sens tivity: VHF FM 0.! AM. 1.0. UHF FM 0.5 AM 2.0dB.Selectivity 7.5/' at -6dB. 18 at -50 dB. Scan speed 5 or 20 per second. Audio 2 watts. Pwr. 110/130 VAC 60 Hz or 11.5/15 VDC 10 watt: 14½/6.0/23½ cm WHD 3.5 lbs. Price N.A.



SONY 2001 also praised by Pokatiloff is gaining some poor publicity. Seems the key-pad buttons get tired & other problems blamed upon premature old age show up.. Unfortunately, the replacement ICR-2002 has run into porblems in Tokyo with the first production release... Our Tokyo editor reports a recall,a raise in price and back-to-the-drawing-board.

COMER MINI-RX NOW AVAILABLE This tiny full-bore LW/MW/SW receiver is now available from Radio West,3417 Purer Rd.Escondido CA 92021 Tel. 619-741-2891 for $395.00 Model #R30K althoungh being a complete, sensitive, selective receiver measures only 4" wide, 2" high and 6" deep.(Not much bigger than a half-pound of butter) The receiving modes are AM, CW, USB & LSB. Power is external 12 VDC-1 amp. Synthesized frequencies, high Z for operation on makeshift antenna. Full potential on a 50 ohm antenna. Sensitivity 1uV for 10dB S/N. Selectivity 6 dB bandwidth 3 kHz nominal/40 dB bandwidth 5 kHz maximum on SSB. On AM 6 dB bandwidth 6 kHz nominal/40 dB bandwidth 10 kHz maximum. Controls in addition to some switches is a 5 digit thumb-wheel with 1kHz resolution, a RIT (VFO vernier) & a volume control. All other variables are automatic. Although sub-miniature performs as well, if not better, than some of its big brothers. Production lags behind demand so expect 8/10 weeks delay.

RADIO SHACK REALISTIC DX-400 A very nice & novel rig that will sell well to Radio Shack customers. It's certainly superior to anything that has been offered by RS since the Allied SX-190. Much better than the odd-balls DX-100, 200, 300 & 302. An attempt was made to profit by the popularity of the Sony ICF-2001. The DX-400 has the same "knobless" direct key pad entry, scan features and memories but not quite so professional as the Sony. The new knobless tuning will drive some purchasers nuts as they will have to read the instructions. This seems difficult for some hobbyists but here you "gotta do it" There are four knobs but they don't do any tuning, one is volume, another tone control, one for antenna tuner and the last an RIT (fine tuning) for SSB & CW. If it were just plain button pushing it could be mastered in no time, but some buttons must be pushed in tadem, some in sequence & others simultaneously. One buttom must be held down while others are pressed for one function. An impatient learner can go bonkers.

One feature seems to bother some tuners. After you have "buttoned" in your frequency there is nothing more you can do with it. You can't fine tune it (except SSB) and there is no method of "laundering" the signal. ECSS tuning is zilch. The SSB mode is simply an injection of a BFO. USB & LSB are not separate modes. The tone control may help with some QRM and the antenna trimmer can be re-adjusted, but that's it. Compounding this is a bad S/N ratio. The set seems noisy. As to images, they were all over the place but that is possibly due to my QTH. I have a number of powerful Mexican stations within shouting distance. They give me trouble on all my gear.

Please understand that many of my complaints are natural comparisons with top grade gear, actually unfair in judging a $299.00 receiver. Never-the-less, there are a number of similar receivers below $300.00. The new ICF-2002 has been priced at $249.95 & it functions very much like the DX-400. (Some would say "Better") There is also a Panasonic "look-alike" the Magnavox-Philips, the small Grundigs, the Toshiba RTF-11, etc. Push-Button portables are not lacking.

The DX-400 is both a portable & a table model, being a "shoe box portable" which looks nice on your bench but has a handle, a telescoping whip & battery compartment.

Condensd specs are: 11 intergrated circuits, 3 FET, 62 Transistors, 88 diodes. Triple Conversion AM (which includes MW, making it the best I have worked) Single conversion FM, 150 to 29,999 kHz AM, 87.4 to 108 MHz FM.(My QTH produces scant LW so test impossible) 5 digit liquid crystal display. Sensitivity, for 10dB S/N ratio, 150kHz 5uV, 300 to 2800kHz 1uV for AM, SSB 150 to 300 kHz 5 uV: 600 kHz to 28.1 MHz SSB 0.5 uV, FM 5 uV. Image ratio 70 dB on AM/SSB. 26 dB on FM. Selectivity both AM/SSB wide: 3kHz/-6dB, 6kHz/-50dB, Narrow: 2,5kHz/-6dB, 5kHz/-50dB.. AM/SSB/CW IF frequencies 1st 65.150-65.050 MHz, 2nd 10.7 MHz, 3rd 455 kHz. Fine Tuning (SSB only) ± 2.5 kHz, Stability: within 1 kHz per hour after 60 minute warm-up... Audio output 1.8 watts 8 ohms.Antenna, inside ferritenna 360 to 2,199 kHz. Whip antenna and exterior antenna terminals for balance of frequencies. Power: 120 VAC 60Hz.. internal batteries 6 "C" cells, exterior DC jack for 11-16 VDC car battery. IF filters: 3 crystals & 2 ceramic. Sleep Timer (not a clock nor recording control) 10 to 90 minutes selectable in 10 minute steps. Weight 4 lbs.Size 6 x 12½ x 3 inches (approx) HWD.

Bottom Line: A very acceptable receiver at a fair price but not a DXing machine. Time payments are available.

BENELUX CONNECTION

Editor Ben Peters. Holland Co-ordinator L. Brookwell

Overseas members are encourged to help out with hobby news of your area. Anything that would be of interest to SDDXC members should be sent to editors Ben Peters Lynbaansgr 318 .1017 WZ Amsterdam. Holland or to Japan Wickham Smith. c/o Hakuhodo Main Office. 22. 3 chome. Kanda-Nishikicho. Chiyoda-ku. Tokyo. Japan 101

- Due to holidays FUNK skipped August issue -

DATONG SAB-11 ANTI-WOODPECKER tested - Media Net Radio Nederlands. Completely automatic. blanks 2 woodpeckers simultaneously. Superior to AEA US-made device on AM. Effective on both SSB & CW but not so hot with RTTY... Low sensitivity receivers may be unable to cope with insertion loss. Price 75 British pounds includes tax.. (Ben doesn't say whose tax. Dutch tax is 18% use-tax.

TOSHIBA RTF-11 also Media Net tested. Dual conversion 11 band (AM/FM/9 SW) Resembles Sony ICF 7600A but performance superior. Better coverage includes new 22 mt. band. Real "S" meter. not just signal strength. MW is also dual conversion. Both sensitive & selective. SW selectivity "adequate". 49 meter overloading defeated by shortening whip. (Europe at night on 49 meters is brutal) Battery operated. 115VAC Toshiba Adapter extra and is reverse polarity. Phone jack. power-lock switch but no SSB. audio good on voice. Just over $100.00

NORDMENDE 2019 (Silver XF-1900) tested by Net. Flashy heavy portable combination. indifferent SW. Noted for good FM stereo music (loud) Has cassette recorder. digital readout. single conversion superhet. Ben gives price about same as Toshiba (He must be mistaken as I have seen them locally for about $179.50)

GRUNDIG YACHTBOY 700 tested by WWH. Small 9 band portable. (LW/MW/FM/6-SW) Continuous coverage 1.6 to 26.2 MHz. Built-in AC power & battery compartment. Switchable 5 kHz slot-filter (5 kHz wide window) insures top selectivity (? Ed.) Bandwidths (selectivity) 3.8/-6dB 11.6/-60dzB narrow and 5.8/-6db & 18/-60dB wide (Poor skirt but has slot filter). SSB with BFO Pitch. Both analog and digital readout but weird. Time remains on display except when tuning. The display then registers frequencies being tuned. Frequency left on the display for two minutes automatically erases and time again is shown. Single conversion superhet. claims 35 hour battery life. Image rejection good up to 31 meter band but

above that quite poor. (Sets only serious fault) It's an excellent rig for SW on trips/voyages. 28/17/6 cm. WHD. 1.8 kgs. Price in W.Germany approx $140.00 US

EVERYBODY INTO THE ACT According to W. German magazine Funkschau (Aug) Japan Victor (Mfgr of flashy multiband combinations with accent on FM recorders & loud stereo music) (Did mfr a fair SW rig with a weird. but satisfactory triple crystal calibration several years back. See FR-6600JW page 65 1981 "Review". The only analog display accurate to 5 kHz I have ever seen except for surplus Collins R-390A etc.) (I don't seem able to end this sentence gracefully) Japan Victor plans to bring out a compact portable with 9 bands.seven of which are SW bandspreads. Remember. you saw it here first.

ANTENNA WIRE BARGAIN For $3.20 incl world wide postage you get 100 meters of 4 mm insulated copper wire. Send check. P.O.M.O.. draft. or cash to Swedelectro Integration. P.O. Box 1122. S-26800 Svalov. Sweden. For the doubting Thomas send an SASE and an IRC for a sample.

ANOTHER GERMAN MADE AIR-CORE MW/SW LOOP with 20 kHz to 30 MHz range. Amplifier base for rotatable loop also an ATU for random wires.Very sophisticated set-up with special MW and SW loops. Write to Elmar Santan Antennentechnik. Kreuzauer Str 106. 5160 Duren. W. Germany. for complete details and available units. Enclose $2.

END OF BENELUX CONNECTION

FOX HOLE RADIO Member Gary Hickerson adds personal experience to my story on the simplest radio in Bulletin 63 page 11. Says American soldiers in WW-11 made them in the trenches using the barbed wire as an antenna. A small piece of dry board. a double-edge blade held in place with two thumb tacks. an open safety pin with a piece of pencil lead taped to the point. held close to the blade with another thumb tack. allowing point with the pencil lead to move on the blade. Connect antenna to one blade-holding thumb tack. ear phone(s) to thumb tack holding safety pin to board and to a good ground. Moving pencil lead on the blade will tune radio. Gary made no mention of "broken" blade.

TROPICAL BANDS SUURVEY 11TH EDITION publisher Danish SW Club Int'l. DK-2670 Greve Strand. Denmark 11 IRCs airmail. 9 IRCs surface mail. Has stations monitored May 1982 to June 1983. frequencies 2300/5890. Is naturally more up-to-the-minute than WRTH which has listing only up to the date of prerparation for publication. Anker Peterson is the author of the Survey.

COUNTRY STORE

No Collect Calls. Club assumes no liability. Evenings & Week-ends phone = E&WE. Best Offer = BO. Flawless = Mint. Fght/Mail pre-paid = ppd. Advise hdqts when item sold. Ads run only once unless requested otherwise. Submit again if un-sold. Give phone number with GMT time to call. Give street address (UPS won't deliver to P.O.) As a member your description is considered trustworthy. An overpriced item won't sell.

DRAKE R4 C w/13 BC xtals. many extras. $450. Dymek DP-40 $100. M&M Audio Filter $50. All prices US D./Mothersill.Canada.Tel 416-728-9073 2100/0000

SONY ICF 2001. Excelllent Cond. $100 Tel (619)-749-3644 any time. Gene Lazzarini. Escondido. CA.

ICOM IC R7 Estate sale. Like new. ICOM HP 1 Phones fitted dust cover. $525 UPS ppd. (914)-439 4310 Matt Cliet.C.A.E Box 370. Livingston Manor. NY.

DRAKE R-7 4.0/2.3/1.8/0.5/0.3 filters. Pwr (12758) Supply changed. Noise Blanker & Notch $750.00 British-made Active Ant. 7 whip on tuned Amp. 500 watts $75.00 (cost $180) John Montgomery P.O. Box 12326. El Paso. TX 79913

HAL CWR 6850 CONVERTER & MONITOR. Includes 12 VDC Adapter. all manuals & schematics Mint $595.00 Chas Smiley. 18351 Blackhawk St. Northridge CA 91326 Tel. (213)-368 7117 E&WE

YAESU FRG 7700 Radio West DX Version. 4.0 kHz ceramic. 2.9 & 1.9 kHz Collins Mech. 12 Memories. FRT-7700 Ant.Tuner. FF 5 Low Pass Filter $595 Gary Anderson.3032 Glacier.Anchorage.AK 99508 Tel after 0100 GMT (907)-337-5687

MARTENS MW LOOP Regenerative Amp Complete w/PA $75 Joe Coleman 157 Walton Pl Lansdowne PA 19050. Tel. (215)-626-3376 (See page 12)

INFO TEC M 200F Converter/Decoder Excl Condition Manual & original carton + World Press Freqs $295 C.O.D. E Krolak 173 W Labo.Carleton MI 48117 Tel (313)-654-8387 (See page 15)

KANTRONICS Signal Enforcer dual audio filter $75 Steve Pacetti. Tel (303) 985 2475

KENWOOD R-600 $225.00. MIZUHO SX 59 Preselector $50.00. AUTEL QF1A Audfio Filter $50.00. Sony ICF 5900W $95.00 All units mint. UPS paid. R Pollack. 6418 Tarna Lane.Houston.TX 77074 (713) 772-3444

ICOM IC-R70 I still have plenty of things to say regarding this receiver. Daily letters arrive from happy owners thanking me for recommending the rig. Only one was frightened at the number of controls & wanted both his money back and his DX-150 returned. I got mad at him. If he didn't have sense enough to read the owners manual he could suffer without my help.

One member. Bill Sparks of S.F. purchased a modified R-70. allowing use of the SSB filter in the AM mode. I think he wanted to explain why he did so against my recommendations. I would like to make it very clear now that I do not object to modification of the R-70. All receivers can be improved one way or another with modification(s) properly designed and installed. I merely state that the ICON IC-R70 has the LEAST need for modication of any contemporary receiver. Its superb ECSS ability allows one to control selectivity without the need of additional filters. However. Bill Sparks is a tropical band tunner-inner & finds that ECSS tuning is not always the best solution to QRM on a weak signal.

The most satisfactory approach is a narrow AM filter plus the Passband with the AGC off. hence the mod. That's what I mean by special needs. A perfectionist like Bill Sparks can detect interference from the BFO in SSB frequencies not in zero beat with the desired signal. you and I would be happy as it is. I forgot to mention Bill's encounter with "audio loss" in the sharper filter use. What he means by "loss" can be insertion loss (failure of the installer to add amplification) or loss of quality which is normal.

Now we come to a mystery: Two members of the Danish Shortwave Club have submitted an exhaustive test of the ICOM IC-R70 and could find nothing good about it. The bottom line is. "Overall poorest performance of any set operated and tested ever before" WOW!!!! Sounds like one of two things. "sour grapes" or maybe a disgruntled employee of ICOM peed into the works before sealing the carton.

MORE COUNTRY STORE (last minute) INFO-TECH M-200/F $350. Surplus AN/URR35C continuous 218 to 410 MHz 115 VAC $75. Surplus BC-608 continuous 27 to 39 MHz 115 VAC. $45 Bob Leary. 67 Eber Av..Akron. OH 44305 Items in tip-top shape. UPSppd. Tel 216-376-2402 9 to 5 EST and 11-12 P.M. EST.

RETRACTION & APOLOGY I wish to retract my statements regarding Mr. Larry Magne made in a copy of a letter to Mr.Wm Bettum of Electric Equipment Bank, reproduced on page 8 of Bulletin #62 of the Int'l DXers Club of San Diego. None of these statements were based upon actual fact having been assumptions made from rumors and Hobby gossip. I apologize for any portion of my letter that could be in any way construed as questioning Mr Magne's credibility or the reputation of WRTH. I also apologize for any harm I may have caused to the WRTH New York representative, Billboard Publications.

I would like to state that I consider Larry Magne an expert in his field and his equipment evaluations to be accurate & fair. His many contributions to our hobby are appreciated and the last thing I wish to do is criticize his efforts.

Where I state, "nor is he always correct" referred to my disagreement with his summation of several evaluationms where he failed to note that proper modification(s) would make a great improvement for the better.

As to Mr Magne's "close association with Drake" I apparently was misinformed, assuming co-operation because he published a diagnosis of the R-7 hum defect, which Drake corrected accordingly. My assumption that his diagnosis influenced the re-birth of the modified R-7 led me to call it, jokingly, his "stepchild"

My actual reason for reference to Mr Magne's WRTH evaluations was to give his "backdoor" evaluation of the Sony ICF-6800W to demonstrate my theory that evaluation by the ear is more useful that dependence upon published specifications.

I am extremely sorry that my letter was interpreted as defamatory in any way of Larry Magne, WRTH or Billboard and again beg forgiveness.

PROPAGATION & THE IONOSPHERE I am repeating an article written several years back for the benfit of new members. Propagation means spreading out or propulsion of radio waves from a transmitter. The fact that radio waves travel further than "line of sight" is because they bounce off the underside of the Heaviside Layer (not a misspelling, man's name) or the Ionosphere. The Ionosphere consists of an envelope or blanket of ions & free electrons above the earth whose reflective power, as far as radio is concerned, is affected strongly

by the Sun's rays, cosmic rays & especially sun spots and solar flares. These variable factors, fortunately are predictable & hobbyists can check with WWV transmission of what can be expected in the near furture.

Commercial users of radio transmission couldn't function without this service.

Ions are atoms whose structure has been disrupted by the Sun's rays, freeing electrons which escape the normal orbit around the atomic nucleus. This process known as ionization, produces "free electrons" to form the Heaviside layer. A radio signal emanating from a transmitter strikes the underside of this layer and is reflected back to earth. It may make a number of bounces, in dimishing strength, to gird the earth (if the signal is strong) It is not unusual for a listener to hear a signal which reaches him around the globe from both east and west. If the distance is equal. it will be as a single signal. if one leg is shorter two signals will be heard. "Skip Distance" is a point directly beneath a spot where the signal strikes the Ionosphere. Signal strength is the least at this point & weakens in proportion to the distance from the transmitter.

Propagation information is broadcast from WWV (the time signal station) each hour at 14 and 18 minutes in the form of a code. Six hour predictions are made 0100. 0700. 1300. & 1900 repeating each hour till the subsequent six hour report. These transmissions report conditions for trans-oceanic transmissions. At the 14th minute you will hear the letters N, U or W followed by a number from 1 to 9. (N) indicates quiet conditions. (U) means unsettled and (W) disturbed conditions. The numbers following the letters indicate severity. #1 is very bad and 9 is the least.

At the 18th minute the strength of the Solar flux is given as well as the "A" Index, measurement of the Earth's magnetic field created by emissions from the Sun. Both of these factors are critical to the ionization process and allows a broadcaster/commercial radio xmtr to anticipate good or bad conditions. The Solar Flux information comes from Ottawa. the magnetic field from Fredericksburg. VA. Zero to 400. with zero being quiet and 400 the most severe.

The Heaviside layer lies between 50 and 300 kilometers above the earth. It is not layered as supposed

but increases in density as the upper layer is reached. It is labeled as if in layers only because certain phenomena take place at different densities. "D" region is the lowest and is blamed for absorption of signals during the daytime when Solar flares are active. Signals below 7.000 kHz can be blanked out completely. It is a rule of thumb to attempt reception or transmission of these frequencies when a darkness path exists between transmitter and receiver. Regions "E" and "F", the uppermost "layers" are the most dense & the ionization the most active. The "Sporadic E" layer has islands of high density and can cause freak reception. A weak signal from a very distant transmitter is heard for a short period when reflected from an "island" All of these factors & conditions are variable and affect reception. being a challenge to the serious DXer. One who watches conditions and checks with WWH is able to catch the exotics that you and I can't expect to log.

ICF-2002/ ICF-7600D The up-dated ICF-2001 we've waited for is reviewed in the WRTH Newsletter by Larry Magne. I will let you know his opinion in the next bulletin. A quick glance revealed a favorable review except for weak audio which distorted with volume. A letter from a member writes he purchased an ICF-7600D (Europen ICF-2002) in Hong Kong for $150.00 and it is a "jewel".

POT POUR RI Next Space Shuttle will have HAM Owen Garriott on board & he will tranmit to earth on 145.55 in the 20 meter Ham band... Page 148, current Radio Shack catalog lists a Noise Filter/Spike Protector at $21.95 Suppresses AC line noise & protects against surges.... Asst Director of the Secret Service in Washington,D.C. reports extensive use of SW equipment in their surveillance work and that our Club evaluations are consulted and influence all purchases..Bearcat MX-1000 quoted by Communications Elecronics at $449.00.....Let's talk about Inflation; a letter from Argentina bore a five thousand pesos stamp.

LAST MINUTE COUNTRY STORE

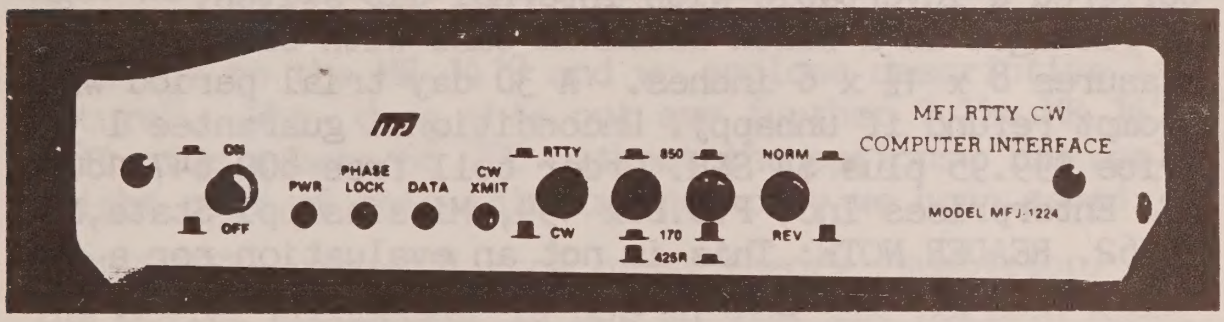
PHILIPs-MAGNAVOX AL-999 5 SW bands, AM/FM/LW. Digital Readout. Reviewed here recently, $150 - J. Coleman 215-626-3376. REALISTIC DX-150 excellent condition. $80 UPSppd. This rig started many a neophite in SWL. Nice for that young chap. Tel anytime (619) 283-9065

SAIT ELECTRONICS Reviewed in bulletin #64. I have one on order. Address: River Rd., Barking, Essex 1G11 OBX England. (Don't send that letter. See page #(8)

RADIO WEST long awaited catalog is ready for printing It will be big and a cross-referenc of today's short-wave gear. Merely reading the descriptions & the text is an education in itself. Reserve your copy(s) today Although Grant hasn't decided yet to charge or not to charge I know it's costing an arm & leg. $1.00 with order will be appreciated & may even get VIP service.

SHORTWAVE VIA SATELLITE Weekly Satellite programs are available in "Channel Guide" University Graphics,Inc. 805 E Cornell, Englewood, CO 80110 24 page "tabloid", Yearly subscription $48 (mostly skeds)

The"Satellite TV Week" is another weekly publication which seems to have more detail, 5 time zones and more yak-yak. P.O. Box 308, Fontana, CA 95540 $48.00. Both are for Satellite-to-Home viewers but contain skeds of SW transponders on the Satellites



MFJ COMPUTER INTERFACE MFJ-1224 I've lost the battle as I have sworn not to succumb to the insanity of computers. (Insane !! What sold last week for an arm & a leg is now going in San Diego for $39.95. The Atari is advertised for $69.95 with a $30 factory rebate)

MFJ, the firm that produces a surprise each week has come out with another "first", a device that connects your SW rig to your personal computer, creating a full feature RTTY/ASC11/CW station for both sending and receiving when used with a transceiver,or converts RTTY/ASCII/CW from your receiver into a printed display on your computer screen. During reception the 1224 converts CW/AFSK tones from the rx into computer language (TTL level signals) The computer then translates and displays the copy on your screen for you to read. For transmission the process is reversed. The 1224 copies both mark & space. An auto noise limiter and a demodulator protects against static and slight drift. A FET input (optional amplifiers) with a sharp 8 pole active

filter for 170 Hz shifts permits good copy even under adverse conditions. Two LED tuning indicators simplify function. Once tuned, can be copied on any shift or 15 to 100 speeds on RTTY/CW & to 300 baud on ASCII. Has a Normal/Reverse Sw. High voltage grid block,direct output for CW keying (LED indicator) Jack for ext. keyer, hand or electronic. A DC voltage regulator insures a stable AFSK tone & RTTY/ASDCII/CW reception.

The 1224 plugs between receiver & computer (Vic-20, Apple, TRS-80C, Atari, TI-99, Commodore 64 & most other persoal computers. Uses Kantronics soft-ware featuring split-screen display, 1024 character type ahead buffer, 10 message ports, (255 characters each) status display, CW-ID from keyboard, Centronic printer capability. CW send/receive 5 to 99 WPM, RTTY send/rec 60/67/75/100, & ASCII send/rec 110-300. Besides use of Kantronics soft-ware interfacing with other appropriate computers possible. Compatible TTL lines available: RTY demod out, CW demod out, CW-ID in-put, +5 VDC gnd. All signal lines buffered & invertable with internal dip switch.

Packaged in a black aluminum case with brushed panel Measures 8 x 1¼ x 6 inches. A 30 day trial period with prompt refund if unhappy. Unconditional guarantee 1 yr. Price $99.95 plus $4 S&H. Order toll free 800-647-1800. MFJ Enterprises Inc, P.O.Box 494, Mississippi State,MS. 39762. READER NOTE: This is not an evaluation nor a recommendation, being solely a review as supplied by the factory. I'll attempt to obtain reports of performance from the field and will report promptly. Ed.

HALLICRAFTERITES ATTENTION Chuck Dachis, WD5EOG, 4500 Russell Dr. Austin,TX 78745 Tel 512-443-5027 calls himself "The Hallicrafter Collector" & has prepared an extensive descriptive list of Hallicrafter products from 1932 to 1972, Receivers Models No S-1 to S-240, Transceivers & Transmitters Models No. HT-1 to HT-46, Transceivers Models No SR-34 to SR-2000, Transceivers Models FPM-200 & 300, Misc. Accessories, LW/VHF/UHV Receivers, Speakers, CB Units, Test Gear, Miscellaneous Units, 18-pages Also stocks photcopies of manuals, photographs of most units, various parts & components & a few complete units, duplicates of collection items. For Product list send $3.00 & a 6x9 envelope with 40¢ in stamps. Other items quoted at request.

SAIT BUBBLE BURSTS I really pulled a boo-boo this time. A member sent me a page from an English hobby publication describing the SAIT MR-1410 "Professional" Receiver for 250 British pounds (about $375 U.S.) I reproduced the page last month (page 15) The specs described a top-grade rig and I had to have one. No address given in the data so I wrote to the factory requesting prices and export costs. sending it to the British Club asking it to be forwarded. Nothing happened. Did the same with another English Club. Nothing. Contacted the British Trade office in Los Angeles and was given an address. A phone call to London found no such firm listed. Talked by phone with some chap at the British Hobby Club Assn. who promised to see another letter would get to SAIT.

Finally. a big envelope from SAIT. Sweet satisfaction of odds overcome. With bated breath I opened the bloody envelope. A nice brochure greeted me together with a letter which said. "We are unable to supply you with model MR-1410 as they were discontinued many years ago. We had some re-conditioned units but they have all been sold. Our current receiver is the MR-14501. vastly superior to the MR-1410 and we enclose descriptive literture". Why drag this out any further ? The MR-14501 sells for a mere $6.700 without the options. The really bright part of this tale is the money we have saved.

WOODPECKER You all know of my theory (suspicion) that the Soviet Woodpecker is not an Over the Horizon Radar. I suspect it to be a pulse generator. invented by Tesla and improved by the Soviet to disrupt the weather so as to upset our economy. I have expanded this theory previously.

In my school years we studied Tesla and even had one of his high frequency coils in the classroom. My memory of Tesla s achievements includes a demonstration of his ability to change the weather. Hearing of a club called Tesla Coil Builders Assn. (they have about 300 members) I wrote to the High Potentate of the "Coilers" requesting information regarding Tesla s experiments with weather control. Not one of the 300 knew that Tesla ever did anything but make high frequency coils. I imagine a club can be formed for almost any cause. I ve heard of cow-chip-tossing clubs. tobacco juice distance spitting clubs. frog hopping clubs and other equally serious and profound catagories but a club with 300 members devoted to Tesla Coils without knowing who Tesla was is weird.

Attempting to keep the RTTY section alive during our search for an Editor I've reproduced RTTY logs kindly furnished by Fred Hetherington of Florida. The new format reduces number of logs I can put on 4 pages. Reduction for crosswise copy defeats my effort at legibility. Fred has sent me more loggings over the last several months than I could reproduce in the allotted section. I have a dozen sheets of current logs available for $2.00 plus a SASE#10 & a 37¢ stamp.

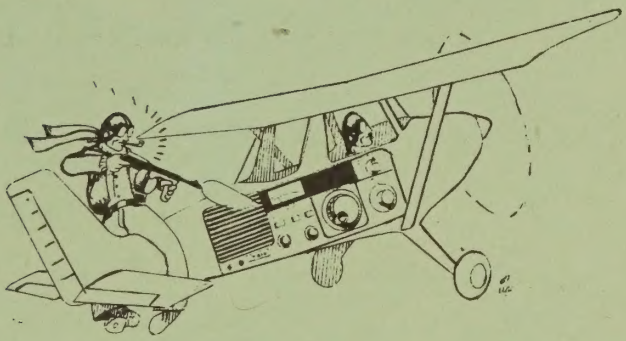
4460.3 LRO6 B.A. 50/850R Saporiti Nx SS 0935
4482.4 CXK? Montevideo 50/425R 0110
4489.0 GFL26 Bracknell 50/425R Meteo 0120
4532.7 JMI573 Tokio 50/425R Meteo 1000
5564.3 ? ? 50/425N Meteo Several nites a week, from sunset onward this station grinds out wx info, WMO format,for wx stns all over Europe,No.Africa and eastward as far as Laos. Suspect Cairo or Delhi.
5848.0 TUH55 Abidjan 50/350N(Some times 170 or 425 shift) RYs at 0050 (Wot does QJH1 mean?)
6830.4 RDW72 Khabarovsk 75/1000R Meteo 1000 (Usually 50 bauds)
6915.2 CXK Montevideo 50/425N RYs 0920
7094.0 W1AW Newington,Conn. 45/170N QST about Hurricane 0100
7306.4 LRO36 B.A. 50/850R TELAM Nx SS 0010
7312.7 ? ? 50/850R msg EE to GVD 0100.Garbled call-sign that came thru as X EX X,not repeated.
7316.8 SUU3 Cairo 50/425R Meteo 0040
7358.3 ZRH Cape Town 50/850R calling NAU 0050
7376.2 JMI2 Tokio 50/850R Meteo 0950
7402.7 JMG3 Tokio 50/850R Meteo 1000
7407.0 CML5 Habana 50/425R to I.T.T. N.Y. 0100
7428.2 NDT Yokosuka 75/850N tfc 1012
7442.3 V.O.A. Monrovia 50/425R(Unusual) RYs off 0140 next day - back to usual 75 bauds

7456.4 LRO42 B.A. 50/850R N.A. Nx SS 0135
7478.0 V.O.A. Monrovia 75/425R African Nx EE 0035
7494.6 NNNØMSD San Diego 75/170R msgs EE 2155
7524.0 XBRA Mexico City 50/850N msgs SS 0200. XBRE,XBRK same.
7585.0 KRH51 Bonn 75/850N fox 0005
7590.0 RTJ71 JuznoSakhalinsk 50/425N Meteo 1010 0005
7604.5 HGE36 Budapest 50/425R Meteo Hungarian wx 0035
7626.2 LRN83 B.A. 50/850R Saboriti Nx SS 1025
7682.1 AFA7CG/AFF7AT 45/170N MARS Hurricane Advisory 1030
7685.2 RBV75 Moscow 50/1000R Meteo 0105
7693.8 SOH269 Warsaw 50/425R calling Habana 0100
7695.3 3MA26 Taipei 50/850R CNA Nx EE 1020 //10960&13563
best reception here at 1020 is 13563
7756.1 SUA34 Cairo 50/375R MENA Nx EE off 2220
7760.4 RGH77 Arkhangelsk 50/850R Meteo 0050
7803.4 STK Khartoum 50/425R RYs 0020 0100
7808.3 OEM27 Vienna 100/425R Meteo 2316
7855.2 IDQ7/8/9/14/21/22/23/24 (RIFMC) Rome? 75/850R RYs,
SGs 2348 Coded msg started at 0000
7865.3 KRH51 Bonn 75/850N fox 0005
7900.0 HVQ7 Hanoi 75/450R VVVs 1140
7915.2 AIR Andrews A.F.Base 45/850R msgs EE 0050
7954.6 LRN85 B.A. 75/850R DYN Nx SS 0140
7970.0 VCB? St.Johns,Newfld. 50/170R msgs EE off 2345
7979.2 VNV Sydney,Australia 50/300N AAP Nx EE 1053
Pgm "Australia Associated Press Calling"
started at 1055. Still readable here at 1145.
7980.4 Y3K7 Potsdam 100/850R 0030

7997.0 SCH299 Warsaw 50/425R Meteo 0030
8000.0 HKM27 Bogota usb fone and rtty station 75/300R alternating 0000 to 0015.
8022.2 FTI2H1 Paris 50/425N AFP Nx EE 2335
8140.0 CLN219 Habana 50/425R P.L. Nx EE 0850
8465.2 AME4 Madrid 75/850R AME3/4/6/8/12 RYs SGs 0910
8477.2 CFH Halifax 50/850N Wx 0915
8705.4 WSL Amagansett ARQ tfc 1140
9052.8 IBX90 Rome 50/425N ANSA Nx EE 1920
9082.0 IRG20 Rome 50/425N ANSA Nx EE 1915
9395.2 HMK21 Pyongyang 50/425R KCNA Nx FF 2215
9850.2 HXL--(RFLIA) Ft.de France 50/850R Calling RFLID, Pointe a Pitre and RFLIG Cayenne(New Freq.)1250
10542.9 Y2V54 Berlin 50/425N ADN Nx EE 2112
10559.1 FTK56H3 Paris 50/425N AFP Nx FF 2110
10710.2 NAU San Juan 50/850R calling ZRH Cape Town 1250
10730.5 ZEN49 Hong Kong 50/425R AFP Ocean Shipping Nx EE 1240
10950.2 WBR70 Miami 75/850N Meteo 1710
10959.0 GPE30B London 50/425R Reuters Nx EE 2145
10960.2 3MA28 Taipei 50/850R CNA Nx EE//7695&13563 1025
10978.4 Tanger 75/400N V.O.A. Nx off 2128
10985.0 RCB5 Moscow 50/850R TASS Nx FF to 2115 //12285
11171.8 CAK Santiago 50/800N Meteo wx Chile Airports 0930
12048.0 YZG Belgrade 50/850R TANJUG RYs in parallel with 40C2 on 5240,YZD on7658.6,YZD7 on 7806.0 and YZD9 on 7996. YZG 12048.0 off at 1732
12175.0 HMR23 Pyongyang 50/425N KCNA Nx SS 1035

TAIL GUNNER ON A SUPERHETERODYNE

BIZARRE ADVENTURES OF A RADIO NUT



BY LARRY BROOKWELL
PRESIDENT • EDITOR
INT'L DXERS CLUB OF SAN DIEGO

TAIL GUNNER ON A SUPERHETERODYNE

The book form of the "Odyssey of an Aficionado" which ran as a serial in bulletins 29/47 of the Int'l Dxers Club is now available in paperback at $8.95 plus postage,(1st class USA/Can/Mex $2.07, 3rd Class USA only $1.15, C.Amer/Carib/Col/Venz 3rd class airmail $2.32, S.Amer/Eur/N.Afr $3.52, Elsewhere $4.72)"Tail Gunner" is the un-expurged tale of your editor's life & loves in and out of the radio business. The serial story has been expanded to fill gaps in the original script without straying from the truth. As those who have read the episodes know there isn't a dull moment. Not only will you read of bizarre goings-on in Mexico and Costa Rica, but you'll learn to better understand and know our neighbors to the South. I have never needed to resort to fiction nor exageration as bare necessity plus my love of adventure has gotten me into some pretty tight spots. The only thing I probably should be ashamed of is my flight from overpowering alimony. However, it gave me great pleasure to instruct my ex-wife and the Judge where to shove it. I promise not to bore you as my life has been far from boring, and I'm not even bored now. Members may deduct 20% and I will autograph each copy. (Postage not discounted)

-: Larry Brookwell :-
International DXers Club of San Diego
1826 Cypress St,San Diego,CA 92154-1154 U.S.A.

Club's monthly bulletin is the "Wall Street Journal" of SW/DX hobbyland, keeping members abreast of technical advances & new equipment. A Non-Profit Venture
Send for list of Club Publications

12186.1 Tripoli,Libya 50/425R Tests EE of Jamahiriyah Arab News Agency (JANA) then Nx EE 1813

12251.0 Y2V32 Berlin 50/500N ADN Nx EE 1843. Another day 50/325N ADN Nx EE 1905.

12285.0 RKU74 Moscow 50/425R APS Nx AA to 1915, then 50/850R Nx FF fm 1930 to 2030. At 2100 TASS Nx FF in parallel with RCB53 10985 & RGW23 17510

12314.2 5YE Nairobi 50/425N Tfc EE with SUU Cairo 1908

12840.7 PBC312 Goeree 75/850R Availability Broadcast 1925

12890.8 UFN Novorossiysk 50/170N to EUWB(Ship) 1940

13097.0 LGB Rogaland ARQ signing 1956

13447.0 4XM4 Bet Dagan 50/425R Meteo Israeli wx 2125

13566.5 MKD Cyprus 50/170N RYIs fox 2145

13580.0 HMS19 Pyongyang 50/425N ATCC Nx SS starts 0930 along with HMS75(Freq. unknown)

13752.1 HZJ Jeddah 50/425N fox, count 2200

13770.1 V.O.A. Tanger 75/700N Afr. nx EE 0925

13829.7 MKG London 50/170R fox 2205

13842.3 KRH51 Bonn 75/850N fox, count 2210

13919.8 AXM35 Canberra 50/850R Meteoends and facsimile transmission starts 2220.Another day testing on 13920.2,sending CQ AXM32/34/35/37 0900.

13963.2 3MA22 Taipei 50/850R CNA Nx EE at 1023,along with 7695 and 10960. At this hour 13963.2 is best.

14370.6 HZJ Jeddah 50/425N Meteo(OEJN) 0230

14407.1 MKD Cyprus 50/170R fox 2016

14631.2 SUC41 Cairo 50/850N Meteo 0005

~ INTERNATIONAL ~

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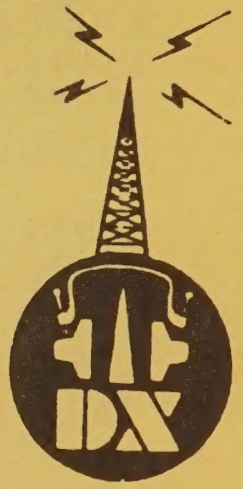

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